



SatNav 2nd User Forum

Welcome/Introduction

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SatNav Investment Analysis Team

April 6, 1999



Focus



- Focus is:
 - Presentation of Technical Alternatives Analysis
 - Cost team analysis approach
 - Benefits team analysis approach
 - Risk Analysis
 - Decision Criteria
- Focus is not:
 - enabling technologies
 - company specific solutions
 - program review



Today's Events



- Introduction (0830 - 0845)
- Alternatives Analysis (0845 - 1015)
- Break (1015 - 1030)
- Alternatives Analysis - Questions (1030 - 1100)
- Economic Analysis (Costs/Benefits/Risk) (1100 - 1150)
- Decision Criteria (1150 - 1200)
- Lunch (1200 - 1300)
- Follow-up Discussion (1300 - 1400) (Bessie Coleman Conference Center, 2nd Floor, next to Cafeteria)
- Follow-up Meetings (1400 - 1700) (Bessie Coleman Conference Center, 2nd Floor, next to Cafeteria)



1st Public Meeting Feedback/Follow-up



- Mission and Approach were open and clear
- Include DoD GPS plans and options - In Progress
- Incorporate Johns Hopkins study - Done
- ATA and AOPA feedback:
 - Want quick transition to SatNav;
 - Support Johns Hopkins study;
 - Want greater involvement and participation in FAA decision making process - All In Progress
- Include LAAS analysis and involve airports - Done



1st Public Meeting Feedback/Follow-up



- Consider an “E-LAAS” Alternative - Done
- Include all benefits: GA, non-aviation, airspace (NYC and Chicago study) - In Progress
- Include all costs: cost sharing, sunk costs, lighting system costs, satellite costs, use recent estimates, Galileo European System, and sensitivity analyses - Done
- Suggested sources for data and reference materials - In Progress
- DoD wants greater involvement in the IA Decision making - In Progress



Follow-on Meetings



- Tuesday April 6, 1999
 - Must be scheduled to attend
 - 2:00 p.m. to 5:00 p.m.
 - Bessie Coleman Conference Center (2nd floor next to the cafeteria)
- Objective
 - Follow-up discussions with members of the Investment Analysis Team



Follow-Up Activities



- **Meetings held prior to Today's User Forum**

Aerospace Corp.	Delta Airlines	Litton Aerospace Products
Airsystems ATM Inc.	Department of Defense	Lockheed Martin
Allied Signal	GAMA	Megapulse
AOPA	Honeywell	Radix Technologies
ATA	Hughes Space	Raytheon
Boeing	ICAO	Space Command
C/AFT	Illgen Simulation	Strategic Tech. Inst. Inc.
Canadian Marconi	Int'l Loran Assoc.	STI Inc.
Chicago Dept. of Aviation	ITT Aerospace/Comm.	Wilcox

- **Several companies have cooperated by providing critical data and shared company confidential information on: user equipage, cost of equipment, risks, and benefits**



Administrative Notes



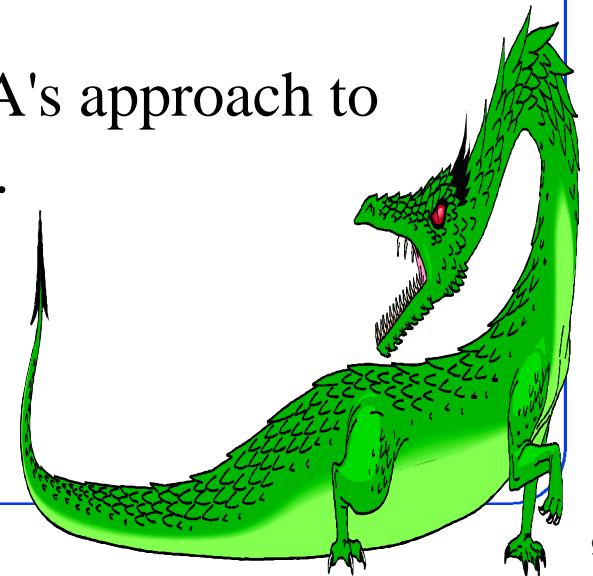
- Break areas
- Lunch arrangements
 - Cafeteria
 - Offsite (L'Enfant Plaza)
- Information packets are available at the registration table
- See ASD website - WWW.FAA.GOV/ASD
- Program may be audio taped



Rules of Engagement



- Morning/Afternoon sessions:
 - **Outcome:** User & industry awareness of FAA's approach to a SatNav Business Case.
 - **Off the table:** Discussions on the current status of WAAS or LAAS programs .
(See website - GPS.FAA.GOV)
 - **On the table:** Discussions on the FAA's approach to developing a business case for SatNav.





Path to the JRC



- 2nd Public Meeting (Alternatives Analysis) - April 6th
- Cost/Benefit/Risk Analysis Complete - May 19th
- Tentative Recommendation Formulated - May 28th
- 3rd Public Meeting (Economic Analysis) - June 16th
(tentative)
- JRC Investment Decision - End of June or Mid July